Fig. 1

TCP sender

Packet loss and/or misordering

Compressor

Decompressor

TCP receiver
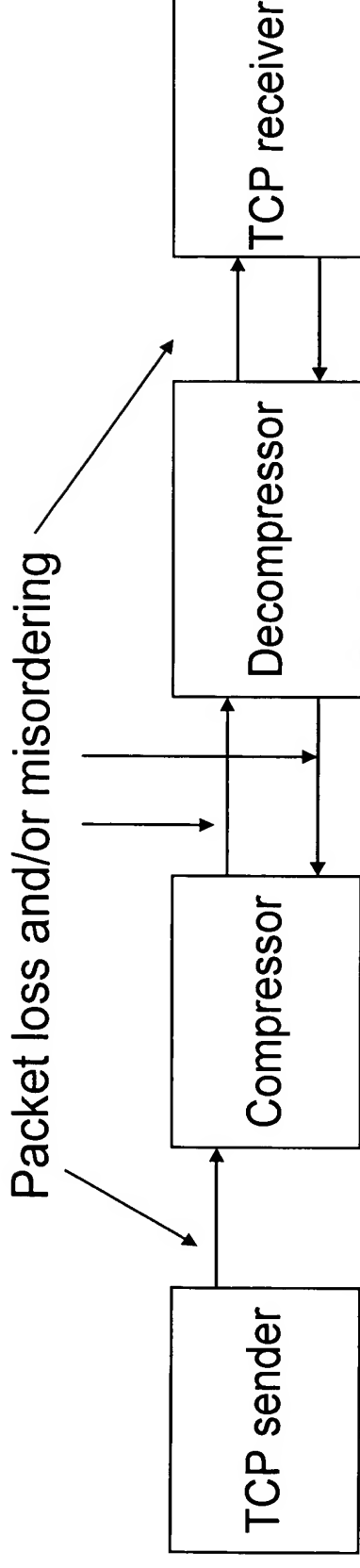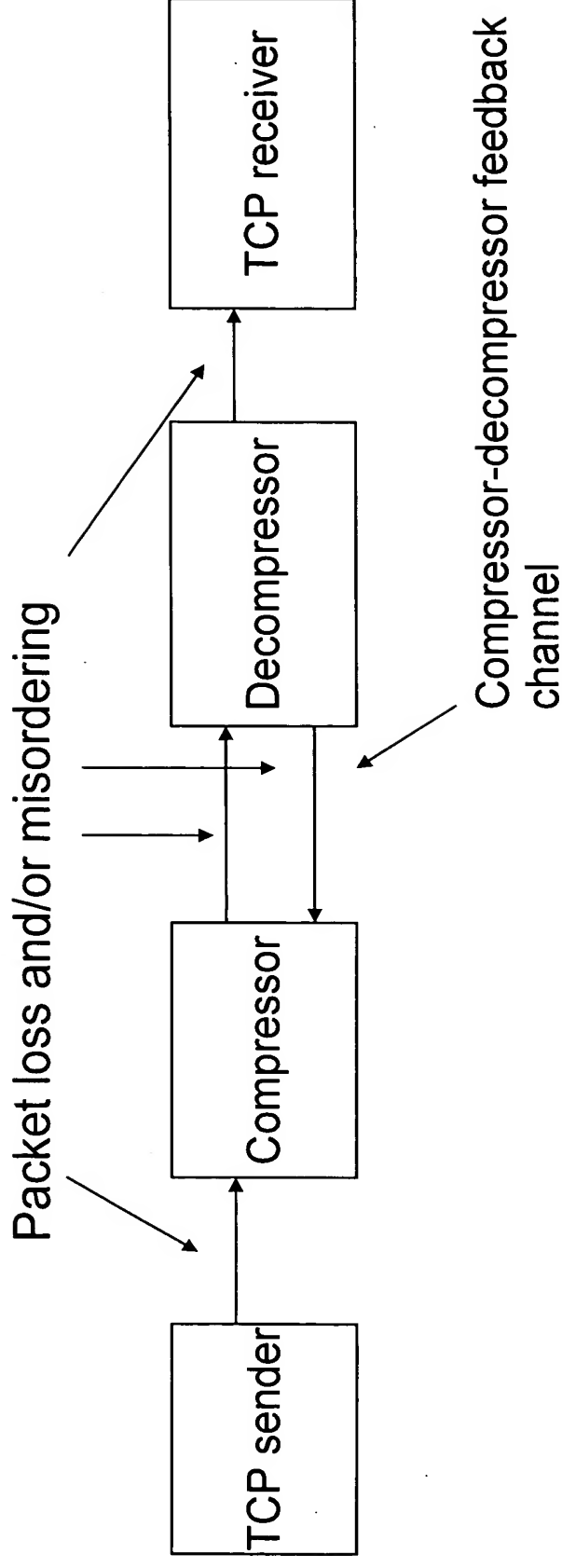
TCP Acks (may or may not transit through Decompressor)

Environment where "TCP reliable nature" can be used

Fig. 2

TCP sender

Packet loss and/or misordering

Compressor

Decompressor

Compressor-decompressor feedback channel

TCP receiver

Compressor-decompressor feedback

Environment where "Compressor-decompressor feedback" can be used